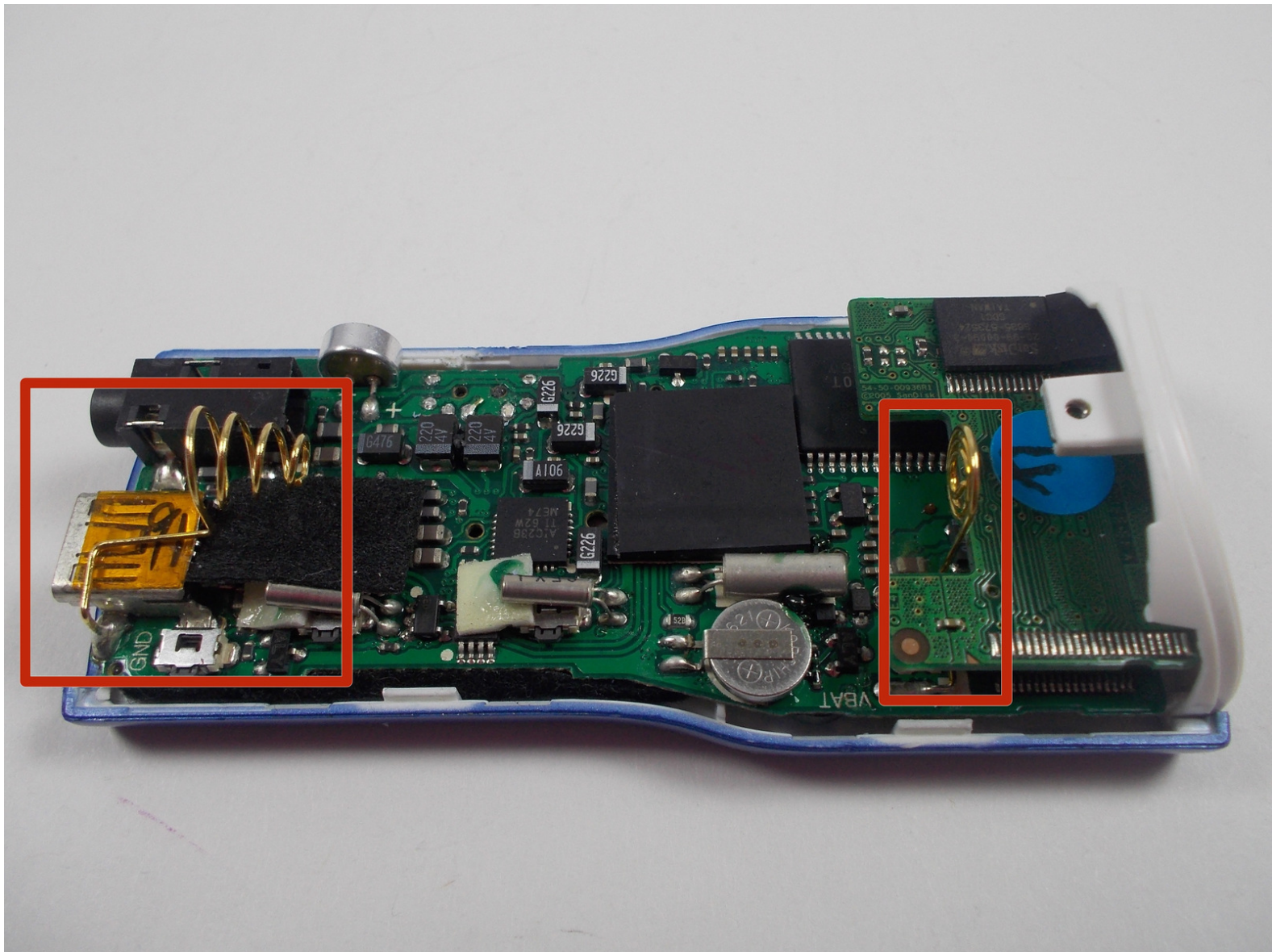




# Sandisk Sansa m230 Series mp3 player Battery Spring Contacts Replacement

Device won't power on? There could be a problem preventing your device from drawing power from the battery. Use this guide to fix such a problem.

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## INTRODUCTION

With this guide you will learn how to replace faulty battery spring contacts that may have been disconnected from motherboard or corroded by and exploding battery.



### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Soldering Workstation](#) (1)
- [iFixit Opening Tools](#) (1)



### PARTS:

- [Sandisk Sansa m230 Series mp3 player replacement battery spring contacts](#) (1)

## Step 1 — Sandisk Sansa m230 Series mp3 player Teardown



- Locate and remove the screw on the bottom of the device. The screw is next to the battery compartment lid.

## Step 2




- Remove the battery compartment cover.
- Then remove the battery. You'll need both the cover and the battery out of the way in the next step.

## Step 3



- Now gently pry the two halves of the case apart.
- There are several interlocking pegs located along the edge of the device's casings. These are all that hold the two halves of the case together, barbaric though that may sound.
- Pry the pegs apart one at a time, working your way around the case.

 Be careful when prying apart the pegs: they are made of plastic, and you don't want to break them.

## Step 4



- The two halves of the case won't want to be separated at first. That's because the battery contact springs are in the way.
- Push the battery contact springs down through their respective holes in the case. Now the case will come away freely.



## Step 5 — Remove battery compartment cover and battery



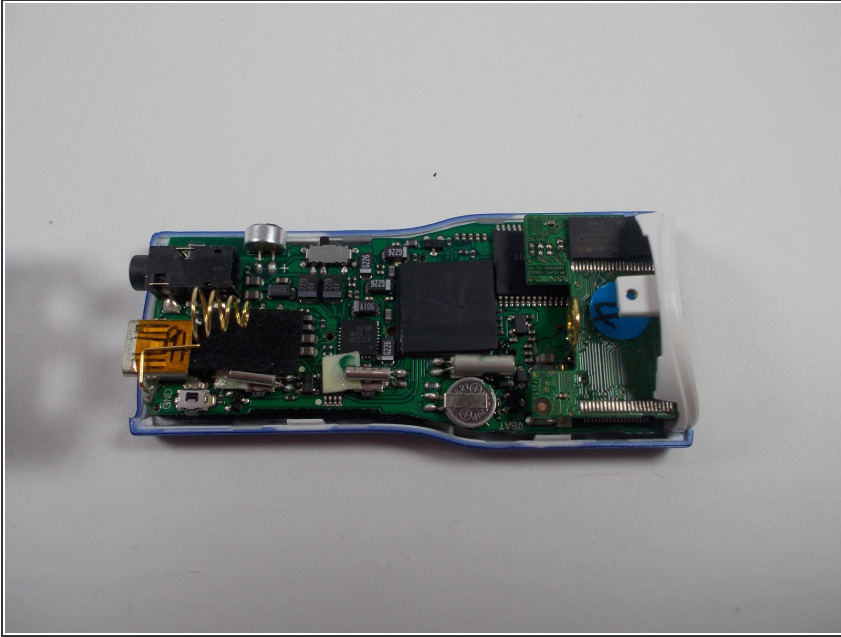
- Remove the cover to the battery compartment.
- Remove the battery. You'll need both cover and battery out of the way for the next step.

## Step 6



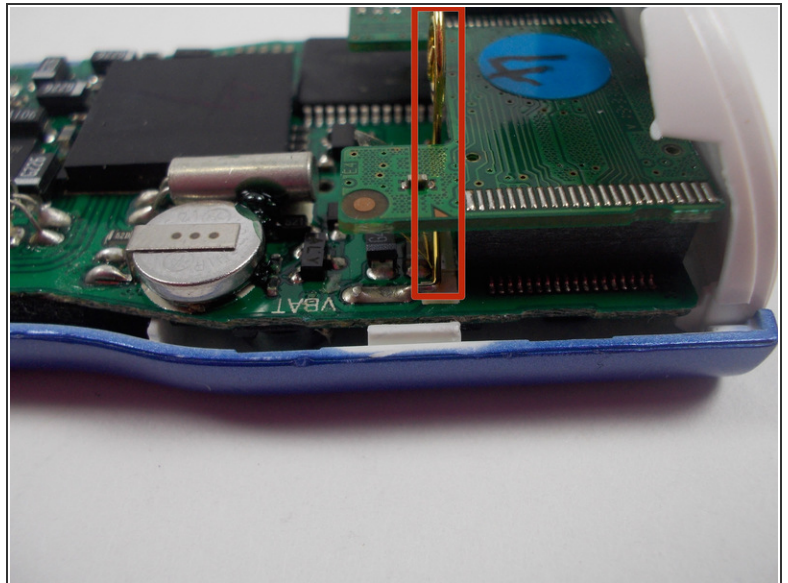
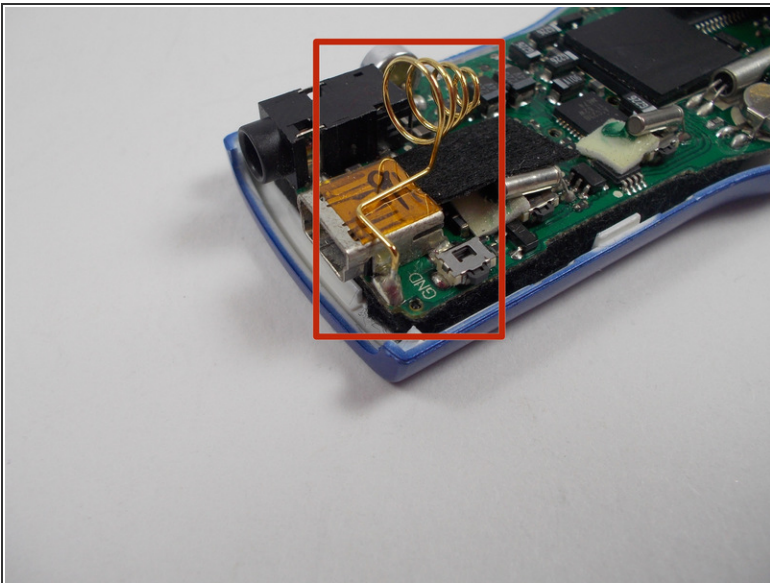
- The part of the casing which houses the USB Jack and headphone jack is the final part which will have to be pried.
- Two clips are the only thing holding this portion of the casings together.
- Once again, gently pry the two outer casings apart by pulling them away from one another.

## Step 7



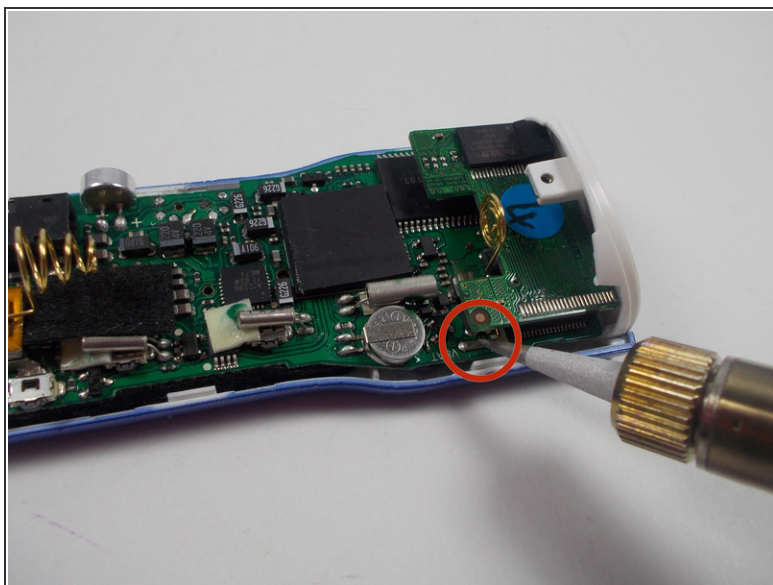
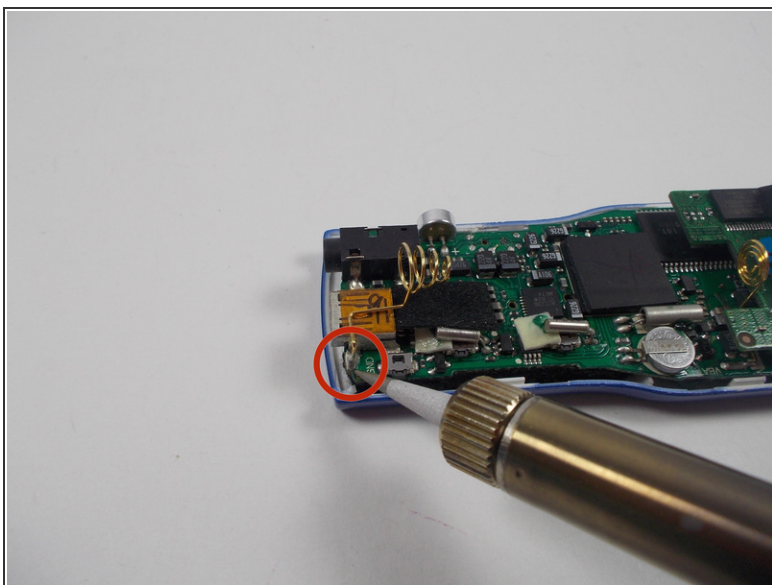
- You now have access to all components found on the inside of the device!

## Step 8 — Battery Spring Contacts



- Locate both battery spring contacts, if necessary, on the motherboard.

## Step 9



- Apply heated soldering iron to points where the contacts are soldered to the motherboard.

## Step 10

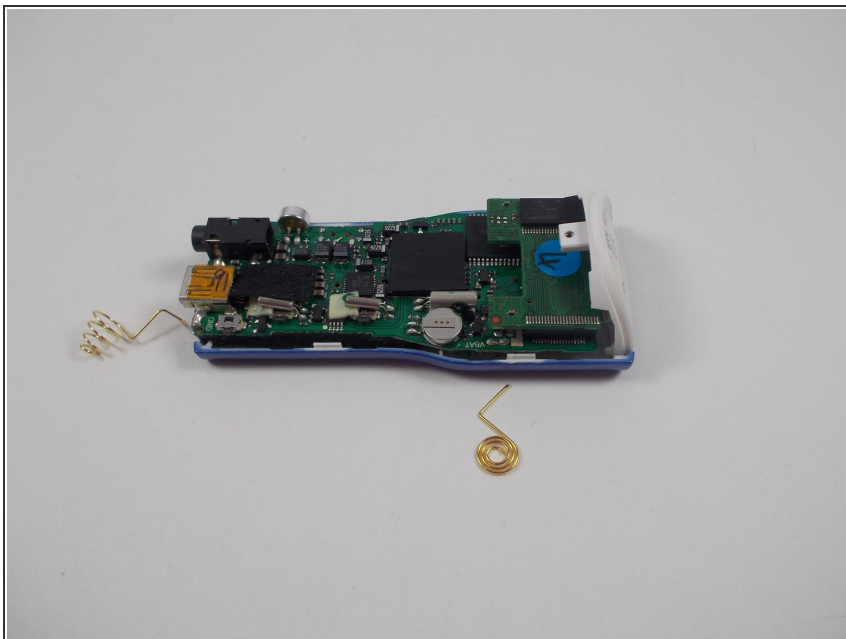


⚠ Soldering irons, when heated, are very hot and can potentially burn the user.

- Be sure to always elevate the hot end of the soldering iron on a metal stand to prevent incidental burns.

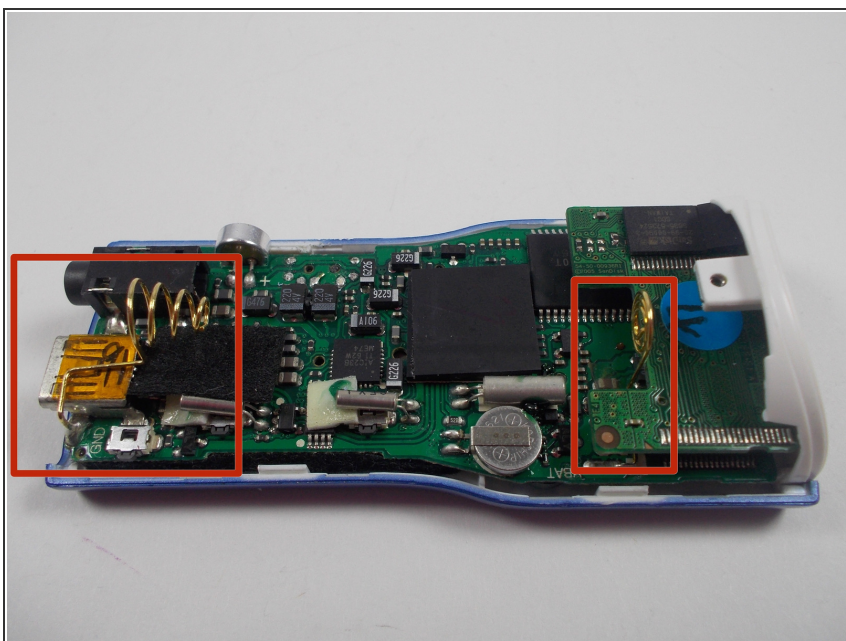


## Step 11



- Wish solder melted, remove battery spring contacts from the motherboard.

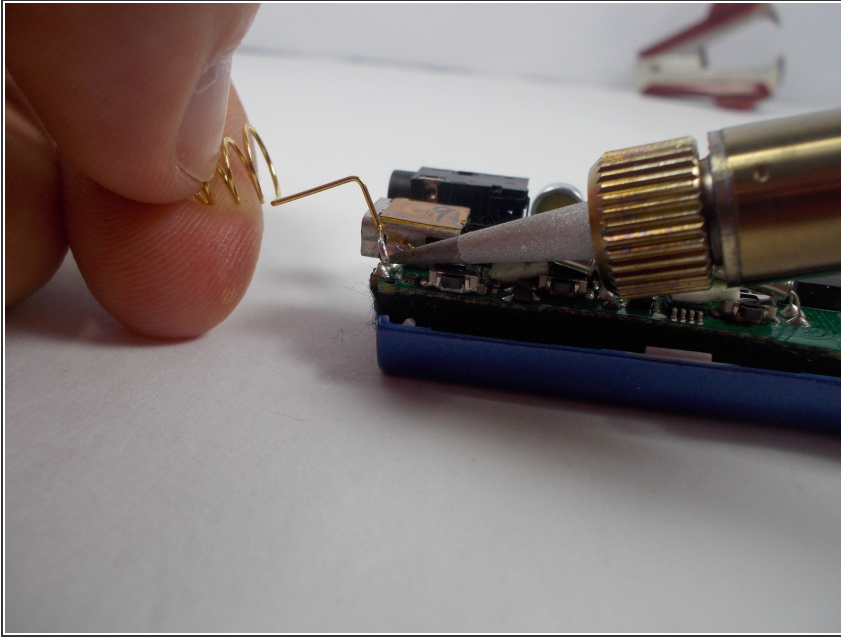
## Step 12



- Replace spring contacts with new ones.

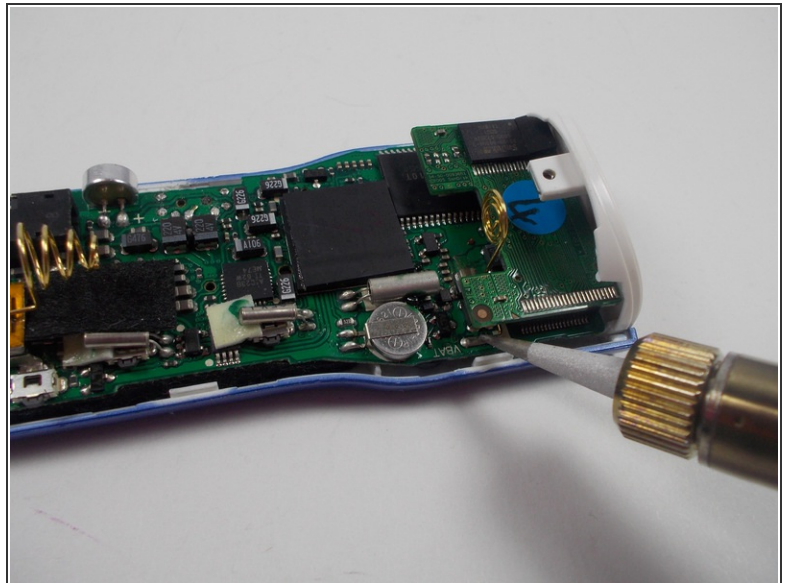
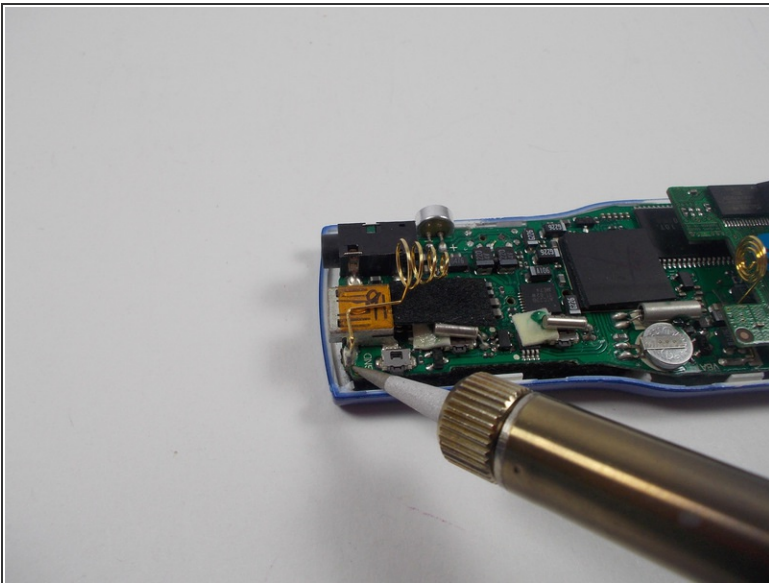


## Step 13



ⓘ There may be some solder in the way of the spring contacts' metal contacts. If this occurs simply melt the solder to create room for the contacts.

## Step 14



- With the new battery spring contacts in place, use the soldering iron to apply new solder to the connection points.
- Be sure to allow the new solder to cool and harden.

To reassemble your device, follow these instructions in reverse order.

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